Least Common Multiple

Find the LCM of each set of numbers.

1. 15, 20	2. 4, 50
4. 14, 42	5. 21, 30
7. 6, 7, 8	8. 16, 20

- **10.** At what times of the day between 10:00 A.M. and 5:00 P.M. do the chemistry presentation and the recycling presentation start at the same time?
- **6.** 3, 7, 10 **9.** 12, 16 **Science Museum** - Show Schedule -

3. 8, 12

Chemistry - Every 30 minutes Electricity - Every 20 minutes Recycling – Every 40 minutes Fossils — Every 45 minutes

- The first showing for all shows **11.** The museum does shows in schools every Monday and shows in public libraries every fifth day (on both weekdays and weekends). If the museum did both a school show and a library show on Monday, how many days will it be until it does both shows on the same day again?
 - is at 10:00 A.M.
- **12.** Which of the following pairs of numbers is correctly listed with its LCM?
 - **A** 5, 15; LCM: 30
 - **B** 20, 30; LCM: 60
 - **C** 24, 36; LCM: 12
 - **D** 7, 9; LCM: 21
- 13. Writing to Explain What method would you use to find the LCM of a group of four numbers? Explain and give an example.

Practice 7-2

Practice 7-2